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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/978,563	10/16/2001	Charles S. Sidles	085596-0107	5278
27433	7590	10/31/2005		
FOLEY & LARDNER 321 NORTH CLARK STREET SUITE 2800 CHICAGO, IL 60610-4764			EXAMINER TANG, KAREN C	
			ART UNIT	PAPER NUMBER
			2151	

DATE MAILED: 10/31/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/978,563	Applicant(s) SIDLES, CHARLES S.	
	Examiner Karen C. Tang	Art Unit 2151	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 16 October 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-80 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-80 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 16 October 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>12/4/01</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-80 are rejected under 35 U.S.C. 102(e) as being anticipated by Hitchcock et al herein after Hitchcock (US 6,345,278).

1. Referring to Claims 1, 12, 23, 34, 45, 56, and 69, Hitchcock discloses a system for complying with requests for information received from a network and directed to a user, said system comprising:

- a data flow monitor interposed between the network and the user that intercepts such requests (refer to Col 6, 7, 8, 9, and 18);
- a wallet database (password database) where personal information of one or more users is kept in a secure manner and is associated with non-personal identifiers (refer to Col 5);
- a history database (applicant database) containing at least some previously-completed and user-validated requests in which at least some of the personal information is

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replaced by the non-personal identifiers to at least partly depersonalize the requests (refer to Col 5 and 6 and 7);

a request completion system coupled directly or indirectly to the above elements that accepts such requests, that attempts to fulfill such requests using information obtained from the wallet database through the use of history database records of one or more previously completed, validated copied of the same type of request, and also through asking the user to complete all or those portions of requests not automatically completed and to validate all or those portions of requests automatically completed (refer to Col 5, 6, 7, 8 and 9);

said request completion system further including a completed request analysis engine that can add completed, user verified, and at least partly depersonalized requests to the history database (refer to Col 6, 7, 8 and 9).

2. Referring to Claims 2, 13, 24, 35, 46, and 57, Hitchcock discloses

a dictionary database containing rules governing that information, identified by nonpersonal identifiers, goes where in particular types of request (refer to Col 5, 7, and 8);

wherein the request completion system also attempts to fulfill such requests using information obtained from the wallet database through the use of rules obtained from the dictionary database specifically applicable to a particular type of request (refer to Col 5, 6, 7, and 8).

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3. Referring to Claims 3, 14, 25, 36, 47, and 58, Hitchcock discloses wherein the request completion system's completed request analysis engine also validates new sets of rules developed through history database request analysis and user validation with respect to a particular type of request, thereby developing from the history database new rules for inclusion in the dictionary database (refer to Col 6, 7, 8 and 9).

4. Referring to Claims 4, 15, 26, 37, 48, and 59, Hitchcock discloses, wherein the request completion system also attempts to fulfill such requests using information obtained from the wallet database through the use of rules obtained from the dictionary database applied using fuzzy logic or artificial intelligence techniques (refer to Col 5, 6, 7, 8, and 9).

5. Referring to Claims 5, 16, 27, 38, 49, and 60, and Hitchcock discloses wherein the request completion system's completed request analysis engine also validates new sets of rules developed through fuzzy logic or artificial intelligence analysis of existing rules, and this engine also can give positive or negative training feedback or the fuzzy logic (validation) or artificial intelligence system in accordance with its performance as accepted or corrected by users (refer to Col 5, 6, 7, 8, and 9).

6. Referring to Claims 6, 17, 28, 39, 50 and 61, Hitchcock discloses which further includes a validation program coupled to the data flow monitor that determines and validates the source of the request (refer to Col 6, 7, 9, and 18).

7. Referring to Claims 7, 18, 29, 40, 51, and 62, Hitchcock discloses wherein the validation program also determines and validates the user's identification (refer to Col 5 and 6).

8. Referring to Claims 8, 19, 30, 41, 52, and 63, Hitchcock discloses a dictionary database containing rules governing what information, identified by nonpersonal identifiers, goes where in requests (refer to Col 5, 6, 8, and 9) and wherein the request completion system also attempts to fulfill such requests using information obtained from the wallet database through the use of rules obtained from the dictionary database applied using fuzzy logic or artificial intelligence techniques (refer to Col 5, 6, 7, and 8).

9. Referring to Claims 9, 20, 31, 42, 53, and 64, Hitchcock discloses wherein the request completion system's completed request analysis engine also validates new sets of rules developed through fuzzy logic or artificial intelligence analysis of existing rules and history database request analysis, and this engine also can give positive or negative training feedback (validation) to the fuzzy logic or artificial intelligence system in accordance with its performance as accepted or corrected by users (refer to Col 6, 7, 8, and 9).

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10. Referring to Claims 10, 21, 32, 43, 54, and 65, Hitchcock discloses which further includes a validation program coupled to the data flow monitor that determines and validates the source of the request (refer to Col 6, 7, 9, and 18).

11. Referring to Claim 11, 22, 33, 44, 55 and 66, Hitchcock discloses wherein the validation program also determines and validates the user's identification (refer to Col 5).

68. Referring to Claims 67, 68 and 75, Hitchcock discloses a method for automatically complying with requests for information received from a network and directed to a user comprising the steps of:

establishing a wallet database (password database) where user information can be kept secure and can be associated with non-personal identifiers (refer to Col 5 and 7);

establishing a history database (applicant database) where at least some previously-completed and user-validated requests may be kept with at least some personal information replaced by non-personal identifiers to at least partly depersonalize the requests (refer to Col 5, and 6);

establishing a dictionary database containing rules associating non-personal identifiers with specific data fields within specific types of requests (form engine, refer to Col 5 and 6);

monitoring (validating) the flow of all data flowing between the network and the user and intercepting such requests for information (refer to Col 6, 7, 9 and 18);

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validating the user's identification, and validating the source of the request (refer to Col 6 and 7);

attempting to complete such requests using information obtaining from the wallet database through the use of rules obtained from the dictionary database specifically applicable to a particular type of request, through the use of rules obtained from the dictionary database applied using fuzzy logic techniques, through the use of rules obtained from the dictionary database applied using fuzzy logic techniques, through the analysis of history database records of one or more completed, validated copied of the same type of request, and through asking the user to complete all or those portions of a request not automatically completed and to validate all or those portions of a request automatically completed (refer to Col 6, 7, 8, and 9); and

following user review and validation or completion or correction of a completed request, analyzing any changes (new value) made by the user to validate any new rules developed through fuzzy logic or history database analysis techniques and adding them to the dictionary database, also to give positive or negative feedback to the fuzzy logic system in accordance with its performance, and also to add completed, user verified, and depersonalized requests to the history database (refer to Col 7, 8 and 9).

70. Referring to Claim 70, Hitchcock discloses a dictionary database containing field names associated with certain form components that are used to populate the forms (refer to 6, 7, and 8).

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And wherein the request completion system also attempts to complete such through use of field names found in the dictionary database that match field names in the form (refer to Col 6, 7, 8, and 9).

71. Referring to Claim 71, Hitchcock discloses wherein the form fill system extracts rules from previously completed forms in the history database, thereby developing from the history database rules for filling in forms (refer to Col 8, 9, 10, 11, and 13).

72. Referring to Claim 72, Hitchcock discloses wherein the form fill system also attempts to fill in forms using personal information through the use of information in the dictionary database and fuzzy logic techniques (refer to Col 9).

73. Referring to Claim 73, Hitchcock discloses a dictionary database containing field names associated with certain form components that are used to populate the forms (refer to Col 16, 17, and 18);
and wherein the form fill system also attempts to complete such forms through the use of field names found in the dictionary database applied using fuzzy logic techniques (refer to Col 8 and 9).

74. Referring to Claim 74, Hitchcock discloses wherein the form fill system extracts rules from previously completed forms in the history database, thereby developing from the history database rules for filling in forms (refer to Col 5-9).

76. Referring to Claim 76, Hitchcock discloses establishing a dictionary database incorporating a series of names associated with certain form components that may be used to populate forms (refer to Col 7 and 8); and attempting to complete such forms with personal information through the use the dictionary information applicable to a particular form (refer to Col 5 and 6).

77. Referring to Claim 77, Hitchcock discloses additionally comprising the step of intercepting what the user fills into a form and adding it to the history database for future use (refer to Col 7).

78. Referring to Claim 78, Hitchcock discloses attempting to fill in forms with personal information through the use fuzzy logic techniques applied to information obtained from the dictionary (refer to Col 5 and 6).

79. Referring to Claim 79, Hitchcock discloses establishing a dictionary incorporating a series of names associated with certain form components that may be used to populate forms (refer to Col 7 and 8); and attempting to complete forms with personal information through the use of information obtained from the dictionary applied using fuzzy logic techniques (refer to Col 5 and 6).

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80. Referring to Claim 80, Hitchcock discloses intercepting what the user fills in and adding it to the history database for future use (refer to Col 7).

Conclusion

A shortened statutory period for reply to this Office action is set to expire THREE MONTHS from the mailing date of this action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Karen C. Tang whose telephone number is (571)272-3116. The examiner can normally be reached on M-F 7 - 3.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Zarni Maung can be reached on (571)272-3939. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


ZARNI MAUNG
SUPERVISORY PATENT EXAMINER